

PHILMONT *Mobile* RADIO CLUB INC.

The



BLURB

AREA
MEMBER



May
1966

INTERCLUB meeting &

MAY - 2

Franklin
HALL

The Speakers
QCV the prez
W3DD of Haverford

7:00
PM

\$ 4.50
@

and Dinner

The BLURB is published monthly by and for the members of the Phil-Mont Mobile Radio Club. Our purpose is to further the interest of amateur radio in general and mobile radio in particular. We endeavor to keep the news accurate, interesting, and educational. Copying and quoting is permitted, with a credit line, and we gladly exchange subscriptions with other clubs.

DEADLINE: The BLURB is mailed on the last Monday of each month. All material must be in the hands of the Department Editor before the 15th of the month.

EDITOR

Lloyd W. Sherman - W3QDY
42 Ashley Road
Newtown Square, Pa. 19073
Telephone: EL 6-4787
ARNS 48

1966 CLUB OFFICERS

President: Fredwood S. Shaw, W3ADV
V. President: Robert G. Thomas, W3QZO
Secretary: Robert E. Mynster, K3UWO
Treasurer: Charles E. Greenwood, W3GOW
Directors:
Al F. Bubeek, K3GNM (E66)
Al E. Jerett, W3QWK (E67)
Geo. B. Weed, W3MHR (E68)
Joe E. Elmaleh, K3HIJ (A)
Wm. F. Bubeek, W3YHV (A)

NET AND NET FREQUENCIES

Channel 1=29.493 mc
Channel 2=29.625 mc
Channel 3=147.78 mc
Channel 4=50.70 mc
Channel 5=52.525 mc (FM)
Channel 6=3993 ke (SSB)

DEPARTMENT EDITORS

Technical K3GNM
Swap and Shop K3QQH
Features W3MHR
Art W3GNI
Technical Drawing WA2RDC

NETS**TIME**

Ten-On-Ten Sundays 1000-1100
Orange Juice Weekdays 0700-0730
Scrambled Egg Weekdays 0730-0830
Executive Weekdays 0830-0900

CIRCULATION AND PRINTING

Publisher W3LEM
Printer W3YHV
Boss Stitcher W3VVS
Collator W3QQH

Channel 1 (29.493 mc) is monitored daily from 0900-2400 for the benefit of mobiles in the Philadelphia and suburban area.

Save HALF ACRE

(THANK TO KHB FOR THIS ONE)



THE PREZ SEZ

By the time this issue of the Blurb reaches each of you, the success of our Big May Phil-Mont Meeting has been determined. I originally proposed this Grand Meeting of the Delaware Valley Radio Clubs in order to spark Phil-Mont into a new high for social get togethers. But things like this can succeed or fail. The whole club has to get behind any venture in order to make the venture a successful one. I have been very pleased at the Club response and my earnest hope is that all of you members will come out and enjoy this meeting and be a part of something "Special". My thanks go to all that have put out to make this party a success. Especially do I thank Hal, W3HFY, Interclub Chairman, Jack, W3DJW, Social Chairman, Jon, W3AES, for getting us that "sooper" door prize and the many, many others that have helped to make a successful meeting.

Our next big affair is Field Day under the guidance of Bell, W3YHV and his good right arm, George, W3MHR. They will lay out the plans and once again let's all get out and make Field Day the outstanding job the way that we have always done in the past. It's a lot of work and a lot of fun for all who get involved in it. Let's go Phil-Mont!

FRED W3ADV

NEW NET CONTROL SCHEDULE

1st Sunday	W3DJW
2nd Sunday	W3YHV
3rd Sunday	W3KDO
4th Sunday	W3D\$G
5th Sunday	W3HQP

INTERESTING THOUGHT DEPARTMENT

Laurence, W3QCV, would be great as the new President of ARRL.

MOBILE NOTE

It is better to sit tight than to drive in that condition.

STANDING ROOM ONLY

Once again, the above heading was literally true for the April Meeting. ED, FAYE, W3RCE and John Walton, K2LFZ from Bell Telephone, gave a very Vivid talk with diagrams and equipment on IMTS which stands for Improved Mobile Transmitting Stations. The demonstration portion of the presentation included sending and receiving equipment with various colored lights flashing and bells ringing. It was very weird to say the least. "Buck Rodgers" and Dick Tracy will have to go a long way to catch up. What with Watts, resistors, capacitors, cycles, megacycles, tones, etc. the only thing we can remember about the technical description was that the x mtr. has 114 transistors in the circuit and if you want one in your car, it will cost you approximately 50 clams per month.

After two (2) postponements, the transistor film, part # 1 also from Bell Telephone (we are lucky that our Prez works for Bell) was finally shown.

There were 12 visitors at the meeting one of whom was A-XYL Marge Kennedy K3FXP who is Secretary of the Mobile Sixers. (Lady Margaret they call her.)

It was good to see Mason W3PBR again. This will make two (2) consecutive meetings he has attended thanks to Pete W3BV, who brought him. See that he comes every month Pete.

SIGNS OF THE TIMES

WORK ANNOYS ME!

And

I Sure Am Annoyed

One Thing I Never Have To Worry About
Around Here Is Competition
.....NOBODY WOULD WANT MY JOB!

IF WORK
IS A VIRTUE
...I'M LIVING IN SIN!

THE ULTIMATE METRIC SYSTEM

The many advantages of the metric system have caused the United States to seriously consider adopting it for their monetary system in spite of the difficulties in changeover. Several members of the British Commonwealth and Japan have already made the move to adopt it for their monetary system.

BUT ALL OF THIS IS MERELY CHILDSPLAY. What is here proposed is a sonorous worldwide system, well thought out, to go into effect immediately, if not sooner. Here are the basic units.

A dip is a unit of distance. Ten dips make a dop. Ten dops make a dipple. Ten dipples make a dopple. Ten dopples is a long way to go.

A zip is a unit of time. Ten zips make a zop. Ten zops make a zipple. Ten zipples make a zopple. Ten zopples is a long time to wait.

A fip is a unit of mass. Ten fips make a fop. Ten fops make a fipple. Ten fipples make a fopple. Ten fopples is a heavy mass to lift.

A quip is a unit of electric charge. Ten quips make a quop. Ten quops make a quopple. Ten quopples is a really big charge.

All other units can be defined in terms of these. Speed can be expressed as dips per zopple or dops per zipple; acceleration as dipples per square zops; force as fop-dipples per square zopple. Energy has units of fopple-dops squared per square sips and momentum fopple-dops per zip (no squares).

The constant in Coulomb's Law has units of fop-dipples cubed per square zopple quips squared. One could go on and on illustrating the convenience of such a system. But it should be obvious to the average Blurp reader.

One last point. It has not been said how the various units are related numerically. For instance how many fipple-fopples are there in a dopple-dipple if a gam is a fipple-dopple? Obviously experiments have to be performed. See any standard text or cosmogony for a description of these experiments. But above all write your congressman now (if not earlier); he is waiting to hear from you.

(The Haverford School "Thindex", April 1, 1966)

FASHION NOTE:

There will be little change in men's pockets this season.

SIGNS SEEN RECENTLY

There Are 2 Sides To Every Argument
...but I don't have time to Listen To Yours!

I Can Resist Everything but TEMPTATION!

PHIL-MONT PLAYS HOST TO DELAWARE VALLEY RADIO CLUBS
AT THE FRANKLIN INSTITUTE
AT A SPECIAL MEETING ON MAY 2, 1966

All Delaware Valley Hams Are Invited To Come.
Bring The XYL's And Friends To An Interesting "Hamfest."
Speakers Will Talk On Topics Of General Interest
To All.

Dr. Thomas Benham W3DD
Professor At Haverford College

"Electronic Aids For The Blind"

Dr. Wynn Laurence LePage, W3QCV
President Of The Franklin Institute

Mr. Gilbert Crossley, W3YA
Director A.R.R.L.

Door Prizes - First Prize "Swan 350 Transceiver"

Donated by Kass Electronics - Drexel Hill

And other valuable prizes from Resco, Almo
Radio, Eugene Wile, Hambuerger's, N. Hartman & Sons,
and Lafayette

EVERYONE IS INVITED TO A PREMEETING DINNER
IN FRANKLIN HALL AT 7:00 P.M.

Tickets Available From Any Phil-Mont Member - Price \$4.50 Dinner Only
Get Reservations Early

Everyone is urged to come early even if they do not attend the
dinner, to see our Phil-Mont Ham Station and the new Bell Telephone
Co. exhibit, which will be kept open especially for us. Plan to
spend at least an hour before meeting time to visit with your ham
friends and see the exhibits.

Club members are invited to come as groups, and be identified on
the floor. Our "Blurb" editor, W3CDY, invited all visiting editors
to sit with him at the dinner.

The April Midmonth was the annual stag dinner at the
Alpine Inn and meeting at the QTH of WNC. The food was good -
don't ever order steak en brochette because you'll have difficulty
finding the steak - the company superb and everyone had a lot of
fun. Present were HIE, QQH, QZO, GOW, ADV, DJW, OWIC, IRS, AWH,
JIC, WUX, JICH, D&G at the dinner. At Hy's place CDY and HFY joined
the group. Good meeting. W3BV and IC3WVB voted in as members.
Philmont business and plans thoroughly discussed. Things are
really looking good.

FLASH - IW back from the hospital and much in evidence on Channel 1.

CHANNEL CHATTER

OWK had his Lafayette HE 50 stolen from his car. It was modified by AI with some fancy changes and now sorely missed. If you have any info call AI at Gr-3-1343..... Jon, AES, getting a gang together to mobile to the ARRL Convention in Boston. So far CDY, BIW, BUX, CAL and ZTP are going. Any more? Contact Jon. Joe Welch, UQV, back to work at FCC after surgery and three week recuperation. Taking it a little easy but getting there..... Big Bill Burton, ADF booming out from his boat with a KW linear on SSB Chasing DX on 2 meters is GHD with a Dxr Supreme ZN and RTR took in the Dayton Ohio Hamvention this month. Areport perhaps on this in next month's Blurb Reading Radio Clambake date changed from Aug 14 to Aug 21 Will GHE give up first, or will it be QV who expires? QZO has just completed a 2 meter converter in anticipation of RTTY operation on that band New antenna at W3TKQ. Installed by OWK, MHR, QZO, QQH and QQH, Jr. Channel 1 PMRC oldtimer MXP seen recently in Camden Our honest Treasurer, GOW, filed the Club income tax return and reports that all is well letter received recently from CEE, everything fine business. His voice and station missed on 493 deadline to pay dues now past and Phil-Mont is 115 AWH still working on his mobile receiver Who is going to win the Swan? Pack Rat 6 and 2 transmitter hunt on May 23 New hours at WPEN so Frenchy, IRS, could again attend evening meetings -- then the subsidiary company drafted him and now he's home less than ever D&G already to go with RTTY -- all he needs is a converter so he can copy what they are saying the Blurb acknowledges the receipt of "something" written on it Tnx Bill, you're all heart at least he contributed something, now if we can get something from the other 114 members something besides complaints, that is Who will win the Swan? IRS reports that he belongs to Army MARS, not Navy Mars -- A3IRS some ten years now QQH said to be laid up with "tennis elbow" which he didn't get from playing tennis no one knows how he got it -- but if he keeps eating two desserts as he did at the Stag Dinner at the Alpine Inn he's going to get something else -- GOUT! Why he doesn't gain weight like the rest of us is also a mystery, but there are a number of very definite theories on that WA3CNI, our cover artist, hasn't been getting his Blurb in the mail and wonders if he has been stricken from the list -- No, Sam, No. Mail department please note, and DO something DJW is committee chairman for the May interclub dinner --- that explains his harassed look ticket sales are going well some ticket salesmen are having trouble because everyone they know in the club is also a ticket salesman deadline for tickets is supposedly April 28 Who are the worm watchers? YHV liked his SB 100 so much that he is building another, this one for the car GNM no longer AM mobile because his new chariot is a Fairlane Station Wagon --- what a flimsy excuse; still on 75 SSB, however; is that where everybody went; come on back sometimes, fellas DJE having antenna trouble and could use a little help:

CHANNEL CHATTER

antenna committee, anyone, but someone please note. Standby for the avalanche, Bob good to see KFL, WOC and NYN at the April meeting Any Navy Mars members who need tickets to the May 2 dinner call FL -2- 0798 VVS brought his two harmonics to the April meeting, Tom and Fred; QQH had his son Ricky and Rick's friend, Tom Verbec there too RTR thinks it would be great if we have a Father and Son Nite; Fathers let the Program Committee know if you're interested this has all sorts of possibilities we can have a number of these but we should draw the line somewhere before Old Army Buddy Nite Did you know that D&G tapes the complete 10 on 10 net every Sunday; wonder how long he keeps the tapes? The Amateur Radio Editors' Association (AREA), after reviewing the March edition of the Blurb sent a very fine letter of commendation to editor CDY and Sue, the usual Blurb typist, for a job well done After this issue, we expect another letter from AREA asking for their letter of commendation back RTR finally lost an argument and received a ticket for going through a red light; he's now five dollars lighter QQH, QV, RQZ(OWK) daily keeping Channel 1 hot with the solution to all sorts of electronic, social and philosophical problems now if we only had them down in Washington, but I guess we all need them here more Who will win the Swan? Field Day is coming fast;. YHV and MHR are the Chairmen and do they need help! The June meeting will fully explore Field Day, but give Bill and George your ideas now VCE, Tom Donnelly now in Alaska working for RCA and getting his Blurb by Air Mail; If WNC wins the Swan, he'll never get to transmit a syllable Prexy, ADV, gave a splendid five minute report on ham radio and Philmont on WPBS FM, 98.9, at 5:30 on Sunday Afternoon.

PHILMONT SERVICE DEPARTMENT

Try this toast on the XYL - at an appropriate moment, however, - and see what happens.

Here's to the prettiest
 Here's to the wittiest;
 Here's to the truest of all who are true.
 Here's to the neatest one,
 Here's to the sweetest one;
 Here's to them all in one - here's to you!

Try this one on yourself - at an appropriate moment, that is, daily:

Here's to the conquering hero;
 Hail to the strongest of men;
 Raise the glass high in my honor;
 I've given up smoking - again.

K3NYN "RUS" MILLER'S OPEN HOUSE PARTY

We only wish we were good enough with "woids" to describe this affair. They came from far and near, hams and non hams, XYL's and om's young uns and oldsters, even some Ten-Four boys were there.

How many were there? 100? 200? 300? We lost count, however we do know the "joint" was bulging at the seams.

Eats? Drinks? Wow! Wat'el you have? You name it and it was served in a glass with a number on it so you could "retrive" it for a refill.

Who was there? Well it originally started out to be a "sac" party, however here are some of the radio clubs that were represented: Sac, Philmont, Mobile Sixers, Artics, Brown Bottle Net, Delaware Valley, and of course the Pop Bottle Kids. These kids had a room all for themselves ruled by the queen of the court beautifull Connie K3QGY. Their refreshments consisted of pop corn, kokes, peanuts etc.

This is truly a house of hams Wrong Way Winnie K3RAB (the one who is always getting lost), #1 Harmonic Connie K3QGY (the queen of the pop bottle gang) #2 Harmonic Tina WA3ACT (the cute one) and of course the most gracious host "Russ" K3NYN.

Many "big names" in amatuer radio circles were there including the F.C.C. and A.R.R.L. We will not mention any names for fear of omitting some.

The decor and arrangement of Russ's shack (studio he calls it) was the envy of every one. Also a rathskeller type tavern athsmosphere complete with candle light and stereo music, not to mention real live organ music with Russ at the console of the theatre grand organ. The chairs were decorated with names in gold leaf just completed for the occasion.

What kind of radio gear does Russ have? You name it and Russ has it. Collins? Why of course.

Russ there was one thing you neglected to do: every one present should have signed a guest book for posterty.

Parking facilities were at a premium people had to walk for miles? Next time perhaps a parking attendent and a door man, Hi Hi.

TNXS to the Millers for a wonderfull time and if he has one next year convention hall may not be big enough. Hi Hi

K3RTR

ROLL CALL

What would you like to see in the Blurb? This is your newspaper. Speak up. Make your wishes known. Do you want regular departments such as Surplus Market, New Ham Equipment, Other Club News, Antennas, Propagation, Pet Projects, Where the DX Is Now? etc. etc.

Many members have had experience writing for school and college newspapers as well as industrial journals. Where are you? No experience is really necessary. Only interest. Write on a subject you want to see in the Blurb and send it in. The Blurb has been good, but it can always be better - IF, we hear from YOU.

SWAP & SHOPFOR SALE

Dow Key Coax Relay
SPDT Auxiliary Contx
110V Coil \$4.00

B&W Model 381
T/R Switch 20.00

Morrow 5BR Converter 15.00
Contact Jim Spencer W3QQH
884-8469

Clegg 99er 6M 100.00
W3WNC
EL-6-0831

Heath HW-12 Transceiver
with crystal calibrator,
HP-13DC Supply, complete
with cables and microphone \$160.00
W3IUH
SA-2-5218

Heath HA-10 "Warrior" KW Linear
with antenna changeover relay
mint condition \$150.00
W3YHV
BR-2-6239

MEMBERSHIP APPLICATION

Name F. Eugene Mitchell Handle Gene Call K3DSM
Address 352 Woodley Rd. - Merion - Sta. Pa. - 19066
Home Phone MO 4-0593 XYL Name ----- XYL Call -----
Employed by AT&T Occupation -----
Address Wayne - test - Boardman
Business Phone 687-7237 Ext ----- Sponsored by ADV-DJW

WA3ATP, who may be a future Philmonter, now has 91 countries confirmed on 20 SSB. No report as yet on his mobile activities.

Philmont always needs active, strong members. If you know a ham who should be one of us, invite him to a meeting. All are welcome.

TELETYPE TERMINAL EQUIPMENT

Progress is being made, albeit slowly, on Teletype terminal gear for members interested in this branch of hamming. It might be asked, "What does RTTY have to do with mobile radio?" We don't expect anybody to be RTTY/M (although this is the kind of stunt W3AES might pull) but from the standpoint of club activity, RTTY has much to offer. For example, it has been suggested that our net control stations be equipped with Teletype equipment for the purpose of exchanging bulletins (ARRL now transmits their bulletins on RTTY and it might be nice to hear these on 10 on 10) and net rosters. To date, net controllers DSG and YHV have expressed a desire to operate RTTY. Autostart operation of a machine at the Blurb editor's QTH or W3TKQ could result in an increase in Channel Chatter news in this mag. Finally, established nets on two and six meters will provide a broader interclub news exchange. Perhaps all of this is merely rationalization of the real reason for interest in Teletype in PMRC: the machines are free!

Anyway, on with the progress report. Equipment proposed is the W2JAV AFSK oscillator (that's for transmitting, Ernie) and the W6TNS receiving convertor, or terminal unit. These circuits are all transistorized and use no relays. At present, one AFSK oscillator has been built and tested, and terminal boards for nine more of these boards will be made. The terminal boards are made with small pins to which component leads and jumpers are wired; drawings have been made to show the connections of all components. The boards will be supplied free to club members who agree to complete them and use them in the immediate future. They are not available to tire-kickers and door-slamers. Special parts will be available at cost. Builders furnish their own small parts and a 24 volt power supply. Boards are presently reserved for the following: W3DSG, W3QQH, W3QV, W3QZO, W3RQZ trailer, and W3YHV. Anyone else who is genuinely interested should contact W3QZO by May 2 so that arrangements can be made for bulk purchase of special coils and transformers. It is hoped to have all parts, including pretuned filters, ready for distribution by the May 18 midmonth meeting.

W3QZO

RECENT ADDITION TO BLURB MAILING LIST

(Mailing Department, please note)
Director Navy Mars 4th Naval District
Chief Billy-Gray Bldg. 26
5801 Tabor Avenue
Philadelphia, Pennsylvania 19120

Hear tell that QV is rebuilding GHE's transmitter on the air on Channel 1.
Sorry to report that KJD's messenger has conked out.

THOUGHT FOR TODAY AND TOMMORROW

When you make your mark in the world,
watch out for guys with erasers.

MAY TECKNIGRAM

Much conjecture has been offered about the proposed 10 mtr. in-band repeater for the use of Phil-Mont members. Little has been written publicly on the subject- possibly because of a lack specific Part 97 rules concerning repeaters. This writer will not attempt a discourse of the legal angle. It's going to be enough trouble to get the darn thing working.

The block diagram below illustrates the proposed method of operation. Input to the repeater will be made on 29493kc. Keying and audio signals will be fed to the down link on 224.5 for the trip between the receiver site and the transmitter location approx. 1 mile distant. Keying and audio from the 224.5 rcvr will be fed to a 35 watt transmitter running a single 807 and modulated by 5881s. Vertical coaxial antennas will be used at 30mc. Functional control of the repeater will be accomplished on the high end of 220 mc using tone keying and a 21 point stepper. The two operating tones will allow on-off control of all as primaries, keying leads, interconnection of bands, and remote operation of all transmitters from the control point. The repeating transmitter will be timed off at 65 seconds regardless of the length of the channel 1 QSO. If your traffic takes longer, switch to 75 mtrs. Mobiles or fixed stations wishing to use the repeater should listen on 29680 and transmit on 29493. Stations with poor receiving conditions may wish to make use of the system as an improved 'ear' for channel 1. In most cases, the range will now be limited only by the ability of your transmitter to reach the repeater receiver. The system should double our mobile-to-mobile range.

Several words of caution. We are still members of a large party line. Poor manners will now make a bigger noise. The licensee reserves the right to disable the patch should the QSO not meet legal or moral standards. All transmissions are log recorded and the licensee is responsible for their content. Whether this system continues to work depends entirely on it's users and their conduct. The equipment can be made to work reliably--cockpit trouble is not as easy to cure.

